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Number of pages including this cover sheet: 24  
Date: December 2, 2004  
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**Message**

Patent Application No. 09/943,465  
Applicant: Dennis G. Hall  
Title: PREPARATION AND USES OF CONJUGATED  
SOLID SUPPORTS FOR BORONIC ACIDS

Please find enclosed an Information Disclosure Statement dated September 1, 2004 as well as the accompanying Fee Transmittal Form and Transmittal Form for entry into the present application.

Barristers & Solicitors,  
Patent Agents & Trade-mark Agents

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PTO/SB/97 (09-04)

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Lana E. Janes  
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54,905                      416 216 1874  
Registration Number, if applicable                      Telephone Number

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- Information Disclosure Statement dated Dec 1, 04
- Listed References
- Fee transmittal form(x2)
- Transmittal form
- PTO/SB/08B

This collection of information is required by 37 CFR 1.8. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 1.8 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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<b>TRANSMITTAL FORM</b> <i>(to be used for all correspondence after initial filing)</i>	Application Number	09/943,465	
	Filing Date	08/31/2001	
	First Named Inventor	HALL, Dennis G.	
	Group Art Unit	1713	
	Examiner Name	Bernard Lipman	
Total Number of Pages in This Submission	22	Attorney Docket Number	P287-USA1

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ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment / Reply	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Other Enclosure(s) (please identify below):
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<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Lana E. Janes, Registration No. 54,905
Signature	
Date	12/01/2004

## CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date: <span style="border: 1px solid black; display: inline-block; width: 100px; height: 15px;"></span>			
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**FEE TRANSMITTAL**  
**For FY 2005**☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT (\$)** 180.00**Complete if Known**

Application Number	09/943,465
Filing Date	August 31, 2001
First Named Inventor	HALL, Dennis, G.
Examiner Name	Bernard Lipman
Art Unit	1713
Attorney Docket No.	P287-USA1

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**METHOD OF PAYMENT (check all that apply)**☐ Check ☐ Credit Card ☐ Money Order☒ Deposit Account ☐ None

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**FEE CALCULATION****1. BASIC FILING FEE**

Fee Description	Fee (\$)	Small Entity Fee (\$)	Fee Paid (\$)
Utility Filing Fee	790	395	
Design Filing Fee	350	175	
Plant Filing Fee	550	275	
Reissue Filing Fee	790	395	
Provisional Filing Fee	160	80	

**Subtotal (1) \$****FEE CALCULATION (continued)****2. EXTRA CLAIM FEES**

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20	18	9
Each independent claim over 3	88	44
Multiple dependent claims	300	150
For Reissues, each claim over 20 and more than in the original patent	18	9
For Reissues, each independent claim more than in the original patent	88	44

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
- 20 or HP =	x		

HP = highest number of total claims paid for, if greater than 20

Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
- 3 or HP =	x		

HP = highest number of independent claims paid for, if greater than 3

Multiple Dependent Claims	Fee (\$)	Fee Paid (\$)

**Subtotal (2) \$****3. OTHER FEES**

Fee Description	Fee (\$)	Small Entity Fee (\$)	Fee Paid (\$)
1-month extension of time	110	55	
2-month extension of time	430	215	
3-month extension of time	980	490	
4-month extension of time	1,530	765	
5-month extension of time	2,080	1,040	
Information disclosure sumt. fee	180	180	180.00
37 CFR 1.17(g) processing fee	50	50	
Non-English specification	130	130	
Notice of Appeal	340	170	
Filing a brief in support of appeal	340	170	
Request for oral hearing	300	150	
Other:			

**Subtotal (3) \$ 180.00****SUBMITTED BY**

Signature	
Name (Print/Type)	Lana E. Janes

Registration No. (Attorney/Agent)	54,905
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Telephone	416-216-1874
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Date	Dec. 1, 2004
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This collection of information is required by 37 CFR 1.138. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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In re PATENT APPLICATION of HALL, Dennis

Application No.: 09/943,465

Group Art Unit: 1713

Filing Date: August 31, 2001

Examiner: Bernard Lipman

Attorney Docket No. P287-USa1

Title: **PREPARATION AND USES OF CONJUGATED SOLID SUPPORTS FOR BORONIC ACIDS**

December 1, 2004

**INFORMATION DISCLOSURE STATEMENT**

To: The Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with 37 C.F.R. § 1.56, the Applicant encloses a completed Information Disclosure Citation, Form PTO/SB/08B. Copies of the enumerated references in the Applicant's possession are enclosed, in accordance with 37 C.F.R. § 1.98.

This Information Disclosure Statement is filed more than three months after the filing date of this application but before the mailing of either a final action under § 1.113 or a Notice of Allowance under § 1.113 and is accompanied by the fee set forth in § 1.17(p).

According to the terms of 37 C.F.R. § 1.97(g) and (h), this Information Disclosure Statement shall not be construed as a representation that a search has been made, an admission that the information cited is or is considered to be material to patentability, or that no other material information exists.

**REMARKS**

The foregoing Information Disclosure Statement is based upon the information contained in the undersigned agent's file as of the filing date of this statement and is inclusive of the best

- 2 -

information known to the undersigned at that date.

Documents C1, C2 and C4 (Argonaut Technologies) refer to Applicant's publication dated 1999 (D. G. Hall et al. Angew. Chem. Int. Ed. Engl., 1999, 38, 3064) which was brought to the Examiner's attention by way of the an Information Disclosure Statement dated May 15, 2002. Document C3 also of Argonaut Technologies shows a table containing, inter alia, PS-DEAM. Document C5 (Novabiochem) refers on page 3 to Applicant's publication (D. G. Hall et al. Angew. Chem. Int. Ed. Engl., 1999, 38, 3064). Document C6 likewise refers to Applicant's publication (D. G. Hall et al. Angew. Chem. Int. Ed. Engl., 1999, 38, 3064).

Applicants respectfully request that any listed document be considered by the Examiner and made of record in the present application.

Respectfully submitted,



Lana E. Janes (Reg. No. 54,905)  
Direct Dial: (416) 216-1874

Ogilvy Renault  
1981 McGill College Avenue, Suite 1600  
Montreal, Quebec, Canada H3A 2Y3

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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

Application Number	09/943,465
Filing Date	August 31, 2002
First Named Inventor	HALL, Dennis G.
Art Unit	1713
Examiner Name	Bernard Lipman
Attorney Docket Number	P287-Usa1

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Sheet 1 of 1

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	C1	"Quench Resin for Metal Scavenging PS-DEAM", Argonaut (Foster City, CA), Chemical and Engineering News, Vol. 18, No. 11, March 18, 2002.	
	C2	PS-DEAM, copyright 2001 [retrieved in 2001 from the website of Argonaut Technologies] using Internet <URL: <a href="http://www.argotech.com/resins/files/PS-DEAM.htm">http://www.argotech.com/resins/files/PS-DEAM.htm</a> >.	
	C3	Solution Phase Reagents Selection Table [retrieved on November 30, 2004] using Internet <URL: <a href="http://www.argotech.com/products/lead/resins/solution_table.html">http://www.argotech.com/products/lead/resins/solution_table.html</a> >.	
	C4	Product Description entitled "Polymer Bound Diethanolamine PS-DEAM" [retrieved November 30, 2004] using Internet <URL: <a href="http://www.argotech.com/PDF/resins/ps_deam_tech.pdf">http://www.argotech.com/PDF/resins/ps_deam_tech.pdf</a> >.	
	C5	Letters No. 4/01, dated 2001, pp 1-4 [retrieved November 30, 2004] using Internet <URL: <a href="http://www.emdbiosciences.com/SharedImages/TechnicalLiterature/6_401letterweb.pdf">http://www.emdbiosciences.com/SharedImages/TechnicalLiterature/6_401letterweb.pdf</a> >.	
	C6	Technical Bulletin R002 entitled "PL-DEAM Resin". [retrieved on November 30, 2004] using Internet <URL: <a href="http://www.polymerlabs.com/stratospheres/bulletins/R002.pdf">http://www.polymerlabs.com/stratospheres/bulletins/R002.pdf</a> >.	

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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